

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Stevenson, Don R., et al **Examiner:** Unknown
Serial #: 10/086,619 **Art Unit:** 1713
Filing Date: March 1, 2002 **Date:** April 9, 2002
Title: Phosphite Ester Additive Compositions

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This Information Disclosure Statement is made within the earlier of: (1) three months after the filing date of the application §1.97(b)(1); (2) within three months of the date of entry of the national stage as set forth in §1.491 in an international application §1.97(b)(2); (3) before the mailing date of a first Office action on the merits §1.97(b)(3); or (4) before the mailing of a first Office action after the filing of a request for continued examination under §1.97. Therefore, this statement is considered timely under 37 C.F.R. §1.97(b).

According to the terms of 37 C.F.R. §1.97(g), this Disclosure Statement shall not be construed as a representation that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(a) exists. While this Information Disclosure Statement may be "material" pursuant to 37 C.F.R. §1.56(b), it is not intended to constitute admission that any patent, publication or other information referred to therein is "material to patentability" under 37 C.F.R. §1.97(h) for this invention unless specifically designated.

In accordance and conformity with Form PTO-1449, the applicant will draw the examiner's attention to various column / line number combinations. To the best of the applicant's ability, these sections are believed to be illustrative of at least portions of the teachings of the prior patented invention. It is however, entirely conceivable that technical minds may come to different conclusions as to the relevance of any one passage or series of passages, within a patent. By identifying these column / line number combinations, it is not meant to be construed as an admission on the part of the applicant that other sections are not relevant. The examiner is invited to review the documents in their entirety and reach his or her own conclusion.

In accordance with 37 C.F.R. §1.56, applicant wishes to call the attention of the Examiner to the following references, which were uncovered by the applicant. Copies of these references are also submitted herewith along with form PTO-1449, as well as summaries of the references.

U.S. Patent Documents

Ref. #	Patent #	Inventor	Publication Date	
AA	US 2,564,646	Leistner, et al.	14-Aug-1951	
	Abstract	<i>Haze Resistant Vinyl Chloride Polymers</i>		
Ref. #	Patent #	Inventor	Publication Date	
AB	US 3,281,381	Hechenbleikner, et al.	25-Oct-1966	
	Abstract	<i>Reaction Products of Pentaerythritol and Phosphites as Vinyl Chloride Stabilizer</i>		
Ref. #	Patent #	Inventor	Publication Date	
AC	US 3,558,537	Hecker, et al.	26-Jan-1971	
	Abstract	<i>Imparting Antifogging Properties to Polivinyl Chloride Resins and Compositions Therefor</i>		
Ref. #	Patent #	Inventor	Publication Date	
AD	US 3,928,267	Rhodes, et al.	23-Dec-1975	
	Abstract	<i>Liquid Stabilizer System for Polyvinyl Chloride</i>		
Ref. #	Patent #	Inventor	Publication Date	
AE	US 3,931,364	Glolito, et al.	06-Jan-1976	
	Abstract	<i>Color Improvement of Phosphate Esters</i>		
Ref. #	Patent #	Inventor	Publication Date	
AF	US 3,943,081	Brook, et al.	09-Mar-1976	
	Abstract	<i>Stabilizers for Polyvinyl Chloride</i>		
Ref. #	Patent #	Inventor	Publication Date	
AG	US 4,134,868	Minagawa, et al.	16-Jan-1979	
	Abstract	<i>Aromatic Carboxylic Acid Ester Stabilizers for PVC Resins</i>		
Ref. #	Patent #	Inventor	Publication Date	
AH	US 4,159,261	Dieckmann	26-Jun-1979	
	Abstract	<i>Stabilization of Vinyl Halide Resins</i>		

Ref. #	Patent #	Inventor	Publication Date	
AI	US 4,159,973	Hoch, et al.	03-Jul-1979	
	Abstract	<i>Stabilizer Systems and Vinyl Halide Resin Compositions Containing Same</i>		
Ref. #	Patent #	Inventor	Publication Date	
AJ	US 4,206,103	Kromolicki, et al.	03-Jun-1980	
	Abstract	<i>Vinyl Chloride Polymers Having Improved Stability</i>		
Ref. #	Patent #	Inventor	Publication Date	
AK	US 4,244,848	Minagawa, et al.	13-Jan-1981	
	Abstract	<i>Halogen Containing Resin Composition</i>		
Ref. #	Patent #	Inventor	Publication Date	
AL	US 4,310,429	Lai	12-Jan-1982	
	Abstract	<i>Stabilized Polymers, Novel Stabilizers, and Synthesis Thereof</i>		
Ref. #	Patent #	Inventor	Publication Date	
AM	US 4,333,868	Schmidt, et al.	08-Jun-1982	
	Abstract	<i>Phosphite Ester Stabilizers</i>		
Ref. #	Patent #	Inventor	Publication Date	
AN	US 4,346,025	Leistner, et al.	24-Aug-1982	
	Abstract	<i>Stabilized Vinyl Chloride Polymer Comprising a Phenylethylidene Aryl Phosphite</i>		
Ref. #	Patent #	Inventor	Publication Date	
AO	US 4,402,858	Capolupo, et al.	06-Sep-1983	
	Abstract	<i>Hydrolytically Stable Antioxidant Composition</i>		
Ref. #	Patent #	Inventor	Publication Date	
AP	US 4,601,839	Lai	22-Jul-1986	
	Abstract	<i>Stabilized Polymers, Novel Stabilizers, and Synthesis Thereof</i>		
Ref. #	Patent #	Inventor	Publication Date	
AQ	US 4,614,756	Valdiserri	30-Sep-1986	
	Abstract	<i>Stabilization Composition for Clean, Impact-Modified PVC</i>		
Ref. #	Patent #	Inventor	Publication Date	
AR	US 4,661,544	Quinn	28-Apr-1987	
	Abstract	<i>Homogeneous Stabilizer Compositions for Vinyl Halide Polymers</i>		

Ref. #	Patent #	Inventor	Publication Date	
BA	US 4,751,118	Wypart, et al.	14-Jun-1988	
	Abstract	Clear Polyvinyl Chloride Articles and Compositions		
Ref. #	Patent #	Inventor	Publication Date	
BB	US 4,782,170	Bae, et al.	01-Nov-1988	
	Abstract	Liquid Polyvinyl Chloride Resin Stabilizer Systems Based on Complexes of Organic Triphosphites with Zinc Chloride		
Ref. #	Patent #	Inventor	Publication Date	
BC	US 5,283,273	Sander, et al.	01-Feb-1994	
	Abstract	Stabilized Chlorine Containing Polymers		
Ref. #	Patent #	Inventor	Publication Date	
BD	US 5,374,377	Nguyen, et al.	20-Dec-1994	
	Abstract	Phosphorescent Polyvinyl Chloride Films		
Ref. #	Patent #	Inventor	Publication Date	
BE	US 5,519,076	Odaira, et al.	21-May-1996	
	Abstract	Halogen-Containing Resin Composition		
Ref. #	Patent #	Inventor	Publication Date	
BF	US 5,519,077	Drewes, et al.	21-May-1996	
	Abstract	Stabilized Polyvinyl Chloride		
Ref. #	Patent #	Inventor	Publication Date	
BG	US 5,534,566	Wehner, et al.	09-Jul-1996	
	Abstract	Stabilized Halogen-Containing Polymers		
Ref. #	Patent #	Inventor	Publication Date	
BH	US 5,814,691	Kuhn, et al.	29-Sep-1998	
	Abstract	Stabilized Polyvinyl Chloride		
Ref. #	Patent #	Inventor	Publication Date	
BI	US 5,880,190	Croce, et al.	09-Mar-1999	
	Abstract	Liquid PVC Stabilizers and Lubricants		
Ref. #	Patent #	Inventor	Publication Date	
BJ	US 5,889,095	Inui, et al.	30-Mar-1999	

	<i>Abstract</i>	<i>Phosphites, Process for Producing the Same and Their Use</i>	
<i>Ref. #</i>	<i>Patent #</i>	<i>Inventor</i>	<i>Publication Date</i>
BK	US 5,969,015	Zinke, et al.	19-Oct-1999
	<i>Abstract</i>	<i>Monomeric and Oligomeric Bisphosphites as Stabilizers for Polyvinyl Chloride</i>	
<i>Ref. #</i>	<i>Patent #</i>	<i>Inventor</i>	<i>Publication Date</i>
BL	US 6,013,703	Kuhn, et al.	11-Jan-2000
	<i>Abstract</i>	<i>Stabilizer Combination for Chlorine-Containing Polymers</i>	
<i>Ref. #</i>	<i>Patent #</i>	<i>Inventor</i>	<i>Publication Date</i>
BM	US 6,136,900	Kuhn, et al.	24-Oct-2000
	<i>Abstract</i>	<i>Stabilized Polyvinyl Chloride</i>	
<i>Ref. #</i>	<i>Patent #</i>	<i>Inventor</i>	<i>Publication Date</i>
BN	US 6,180,700	Mahood	30-Jan-2001
	<i>Abstract</i>	<i>Diphosphites</i>	

Foreign Patent Documents

No foreign documents are in the possession of the applicant at this time.

Other Documents

No other documents are in the possession of the applicant at this time.

Presentation at National Meetings

To the knowledge of the applicant, there has been no presentation of this subject matter at National meetings.

Presentations at Invited Seminars

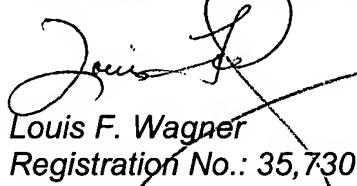
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Best Information Available

This Information Disclosure Statement is based upon the information contained in the undersigned attorney's file as of the filing date of this statement and is inclusive of the best information known to the undersigned at that date. Applicant submits that

the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully Submitted,
Buckingham, Doolittle & Burroughs, LLP


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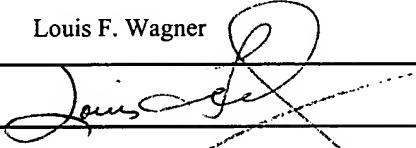
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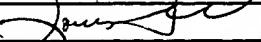
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Louis F. Wagner	
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